

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

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PCT/EP 0 3 / 0 2 5 3 8
International Application No.

12. 03. 2003 International Filing Date

1 2 MAR 2003

EURÓPEAN PATENT OFFICE

PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

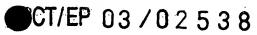
	(if desired) (12 charact	ers maximum) 4023PTWO/fe				
Box No. I TITLE OF INVENTION						
ESTER DERIVATIVES OF HYALURONIC ACID FOR THE PREPARATION OF HYDROGEL						
Box No. II APPLICANT This person	on is also inventor					
Name and address: (Family name followed by given name; for a legal er The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of reside	the address indicated in this	Telephone No.				
FIDIA ADVANCED BIOPOLYMERS S.R.L.	Facsimile No.					
Via Ponte della Fabbrica, 3/A 35031 Abano Terme - Italy		Teleprinter No.				
	·	Applicant's registration No. with the Office				
State (that is, country) of nationality:	State (that is, country)	of residence:				
This person is applicant for the purposes of: all designated States all designated the United-	ed States except States of America	the United States of America only the States indicated in the Supplemental Box				
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	THER) INVENTOR(S)					
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of reside. BELLINI Davide Via Po, 34 35036 Montegrotto Terme - Italy	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office					
State (that is, country) of nationality:	State (that is, country)	of residence:				
This person is applicant all designated all designated for the purposes of:	ed States except States of America	the United States of America only the States indicated in the Supplemental Box				
Further applicants and/or (further) inventors are indicated	on a continuation sheet.					
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE						
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	es as:	agent common representative				
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of	tity, full official designation. country.)	Telephone No. +39 02541799.1				
GERVASI Gemma NOTARBARTOLO & GERVASI S.p.A.	Facsimile No. +39 0254179920					
Corso di Porta Vittoria 9 20122 MILAN - ITALY	Teleprinter No.					
	Agent's registration No. with the Office					
Address for correspondence: Mark this check-box wher	e no agent or common ret	resentative is/has been appointed and the				
space above is used instead to indicate a special address to	which correspondence s	hould be sent.				

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which Continuation of Box No. 1 a special continuation box is provided, the space is insufficient to furnishall the information: in such case, write "Continuation of Box No...." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Box No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the (iii) United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

"MATERIALS FOR USE IN THE BIOMEDICAL, SANITARY AND SURGICAL FIELD, AND AS DRUG RELEASE SYSTEMS"

Sheet No. ...3



Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)							
If none of the following sub-boxes is used, this sheet should not be included in the request.							
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) ZANELLATO Anna Maria Piazza Matteotti, 13	applicant only applicant and inventor inventor only (If this check-box						
35024 Bovolenta - Italy	is marked, do not fill in below.)						
	Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country) State (that is, country)							
This person is applicant for the purposes of: all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	applicant only applicant and inventor inventor only (If this check-box						
	is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country)	y) of residence:						
This person is applicant all designated all designated States except for the purposes of:	the United States the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country)	y) of residence:						
This person is applicant all designated all designated States except the United States of America	the United States of America only the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country)) of residence:						
This person is applicant for the purposes of: all designated States except the United States of America	of America only the States indicated in the Supplemental Box						
Further applicants and/or (further) inventors are indicated on another continuation	ı sheet.						

	Sheet No4 PCT/EP 03 / 02 5 3
Box No	DESIGNATION OF STATES Mark the applicable check-boxes below; at least one must be marked.
The fo	llowing designations are hereby made under Rule 4.9(a):
Regio	nal Patent
X AF	ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line)
⊠ EA	Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
⊠ EH	European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
X 04	OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

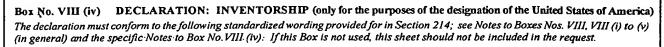
of protection of the annual areas and	,	
National Patent (if other kind of protection	or treatment desired, specify on dotted line):	
AE United Arab Emirates	M GM Gambia	NZ New Zealand
AG Antigua and Barbuda	HR Croatia	
AL Albania		PH Philippines
AM Armenia	ID Indonesia	▶ PL Poland
X AT Austria	IL Israel	Transport Portugal
AU Australia	IN India	RO Romania
🔀 AZ Azerbaijan	IS Iceland	RU Russian Federation
RA Rosnia and Herzegovina	JP Japan	
BB-Barbados	KE Kenya	SC Seychelles
BG Bulgaria	KG Kyrgyzstan	SD Sudan
BR Brazil	KP Democratic People's Republic	SE Sweden
BY Belarus	of Korea	
BZ Belize	KR Republic of Korea	
CA Canada	KZ Kazakhstan	
CH & LI Switzerland and Liechtenstein	LC Saint Lucia	TJ Tajikistan
CN China	LK Sri Lanka	TM Turkmenistan
CO Colombia	LR Liberia	TN Tunisia
CR Costa Rica	LS Lesotho	TR Turkey
CU Cuba	LT Lithuania	TT Trinidad and Tobago
CZ Czech Republic	LU Luxembourg	
DE Germany	LV Latvia	TZ United Republic of Tanzania
DK Denmark	MA Morocco	■ UA Ukraine
DM Dominica	MD Republic of Moldova	UG Uganda
DZ Algeria		US United States of America
EC Ecuador	MG Madagascar	
EE Estonia	MK The former Yugoslav Republic of	☑ UZ Uzbekistan
ES Spain	Macedonia	VC Saint Vincent and the Grenadines
FI Finland	MN Mongolia	N Viet Nam
■ GB United Kingdom	MWMalawi	X YU Yugoslavia
GD Grenada		ZA South Africa
☑ GE Georgia	MZ Mozambique	X ZM Zambia
GH Ghana	NO Norway	ZW Zimbabwe
Check-boxes below reserved for designating	States which have become party to the PCT	after issuance of this sheet:
M NI Nicaragua	Ц	H
	<u> </u>	□

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

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Box No. VI PRIORITY CLAIM						
The priority of the following earlier application(s) is hereby claimed:						
Filing date	Number	Where earlier application is:				
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) 12 March 2002 (1 2 63 2002)	PD2002A000064	Italy				
item (2)						
item (3)						
item (4)						
item (5)		,	·			
Further priority claims a	re indicated in the Suppleme	ntal Box.				
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:						
* Where the earlier application		item (3) item		Supplemental Box		
* Where the earlier application Industrial Property or one Me	ember of the World Trade Or	ganization for which that e	party to the Farts Conve earlier application was fil	ed (Rule 4.10(b)(ii)):		
Box No. VII INTERNAT	IONAL SEARCHING AUT	THORITY				
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):						
ISA /	•		·			
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):						
Date (day/month/year)	Numb	er Coun	try (or regional Office)	- 2		
Box No. VIII DECLARAT	TIONS		·			
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of						
check-boxes below and indicate in the right column the number of each type of declaration):						
Box No. VIII (i)	III (i) Declaration as to the identity of the inventor :					
Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :					
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :						
Box No. VIII (iv)	Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America): 1					
Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :					

Sheet No. 6:



Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:						
I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.						
This declaration is directed to the international application of which it forms a part (if filing declaration with application).						
This declaration is directed to international application No. PCT/						
I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.						
I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed. Prior Applications: Italy Appln. No. PD2002A000064 of 12 March 2002						
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.						
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
Name: Davide BELLINI						
Residence: Via Po. 34 35036 MONIECROTTO TERME, Padova, Italy (city and either US state, if applicable, or country) Via Porrte della Fabbrica, 3/A - 35031 ABANO TERME, Padova, Italy Mailing Address:						
Citizenship: Italian Inventor's Signature: Date: March 4th, 2008 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: March 4th, 2008 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)						
Nama Maria ZANELLATO						
Name:						
Residence: Piazza Matteotti, 13 - 35024 BOVOLENTA, Padova, Italy (city and either US state, if applicable, or country)						
Mailing Address: Via Ponte della Fabbrica, 3/A - 35031 Abano Terme, Padova, Italy						
Citizenship: Italian. Inventor's Signature: A Could C						
This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".						

Sheet No. ...7

1.4				oneet No	
Box No. IX Cl	HECK LIST;	LANGUAGE (OF FILIN	NG .	
This international (a) in paper form sheets:			item(s) right co	ternational application is accompanied by the following (mark the applicable check-boxes below and indicate in lumn the number of each item):	Number of items
request (includ	ding	. 7	1.		:
declaration sho	•	: '	2.	original separate power of attorney	: 2
description (ex sequence listing	scluding ags and/or		3.	original general power of attorney	:
tables related t	thereto)	: 17	4.	copy of general power of attorney; reference number, if any:	:
claims		: 5	5. □		:
abstract		: 1	6.	priority document(s) identified in Box No. VI as	•
drawings		:2	. –	item(s):	:
sequence listin	nber of sheets	: 32	7.		
tables related	~	:	8. 🗆	(language):	•
for both, actua	al number of		∘. ⊔	or other biological material	:
sheets if filed in whether or not computer read	n paper form, also filed in	•	9. 🗆	sequence listings in computer readable form (indicate type and number of carriers)	
see (c) below)	avie jorm,		(i)	copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application	ı):
Total number		: 32	(ii)	(only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the	
(b) only in co (Section 8	mputer reada 01(a)(i))	ble form		purposes of international search under Rule 13ter	:
(i) seque			(iii)	together with relevant statement as to the identity of the copy of copies with the sequence listings mentioned in left column	or . :
(c) also in co	mputer reada		10. 🗖	tables in computer readable form related to sequence listings (indicate type and number of carriers)	
(Section 8	nce listings		(i)	copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international	1
Type and nun	related thereto nber of carrier	s (diskette.	(ii)	application) (only where check-box (b)(ii) or (c)(ii) is marked in left column)	:
CD-ROM, CD contained the	-R or other) on	which are		(only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	:
<u> </u>		• • • • • • • • • • • •	(iii)	together with relevant statement as to the identity of the copy of copies with the tables mentioned in left column	or .
	ated thereto: . vies to be indica		11. 🕅	other (specify): Accompanying Letter	:
items 9(ii) and	Vor 10(ii), in ri	ght column)	_		
Figure of the dra	wings which			ige of filing of the English	
Box No. Y SI	GNATURE C	F APPLICAN	r, agen	T OR COMMON REPRESENTATIVE	
Next to each signatur	e, indicate the nar	ne of the person sig	ning and th	e capacity in which the person signs (if such capacity is not obvious from reading	the request).
Milan, Italy	11 March 20	003	GERVA ⁄	SI Gemma	
			auce		
			— For 1	receiving Office use only	
1. Date of actual international	l receipt of the application:	purported .	a 1 f .	1 2. 03. 03 (1.2 MAR 2003) 2. Draw	ings: eived:
3. Corrected date timely receive the purported	e of actual rece ed papers or dra international a	awings completi	ng		•
4. Date of timely corrections un	y receipt of the nder PCT Artic	required le 11(2):		not	received:
5. International S (if two or mor	Searching Authre are competer	nority nt): ISA /		6. Transmittal of search copy delayed until search fee is paid	
			For Inte	ernational Bureau use only	
Date of receipt o	of the record co	ру			

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